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PTO/SB/21 (08-00)

Approved for use through 10/31/2002 OMB 0651-0031

U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/966,732
	Filing Date	September 28, 2001
	First Named Inventor	William F. Bowers
	Group Art Unit	1724
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	Attorney Docket Number	022730-0027

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Combined Declaration/Power of Attorney (executed) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosures Check \$477.00
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual Name	NUTTER MCCLENNEN & FISH LLP William C. Geary III
Signature	<i>William C. Geary III</i>
Date	12-28-01

Transmittal	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on the date shown below.	
Dated: December 28, 2001	Signature <i>William C. Geary III</i> (William C. Geary III)



PTO/SB/17 (10-01)
Approved for use through 10/31/2002 OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 477.00

Complete if Known

Application Number	09/966,732
Filing Date	September 28, 2001
First Named Inventor	William F. Bowers
Examiner Name	Not Yet Assigned
Group Art Unit	N/A
Attorney Docket No.	022730-0027

METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 141449
Deposit Account Name _____

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☒ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	370.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$) 370.00

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	17 -20** = 0	0	0.00
Independent Claims	4 -3** = 1	42.00	42.00
Multiple Dependent			

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 42.00

**or number previously paid, if greater. For Reissues, see above.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	65.00
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	239	130	Non-English specification	
147	2,520	247	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	212	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	213	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	238	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	480	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	222	130	Petitions to the Commissioner	
123	50	223	50	Processing fee under 37 CFR 1.17(q)	
126	180	226	180	Submission of Information Disclosure Stmt	
58*	40	581	40	Recording each patent assignment per property (times number of properties)	
145	340	245	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))	
171	740	271	370	Request for Continued Examination (RCE)	
146	500	246	450	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 65.00

SUBMITTED BY

Name (print type) William C. Geary III

Registration No. (Attorney Agent) 31,359

Complete (if applicable)

Telephone (617) 439-2766

Signature

Date

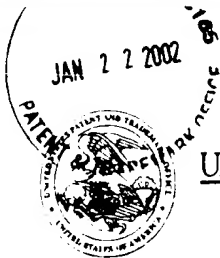
12-28-01

Fee Transmittal

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on the date shown below.

Dated 12-28-01

Signature (William C. Geary III)



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/966,732	09/28/2001	William F. Bowers	022730-0027

021125
NUTTER MCCLENNEN & FISH LLP
ONE INTERNATIONAL PLACE
BOSTON, MA 02110

CONFIRMATION NO. 3575

FORMALITIES LETTER



OC00000007001959

Date Mailed: 10/31/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 355 to complete the basic filing fee for a small entity.
- Total additional claim fee(s) for this application is \$40.
 - \$40 for 1 independent claims over 3 .
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 460.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

JAN 22 2002
PATENT & TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Box Missing Parts, Commissioner for Patents, Washington, DC 20231, on the date shown below

Dated, 2-28-01

Signature

(William C. Geary III)

Docket No.: 022730-0027
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
William F. Bowers, *et al.*

Application No.: 09/966,732

Group Art Unit: 1724

Filed: September 28, 2001

Examiner: Not Yet Assigned

For: CLAM SHELL UF CENTRIFUGAL FILTER
VESSEL AND METHOD

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Box Missing Parts

Commissioner for Patents
Washington, DC 20231

Dear Sir:

In response to the Notice to File Missing Parts of Application – Filing Date Granted mailed October 31, 2001, Applicant respectfully submits a Combined Declaration and Power of Attorney.

Our check in the amount of \$477.00 covering the filing fee and surcharge set forth in 37 CFR 1.16(e) as small entity is enclosed. The Commissioner is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with


Application No. 09/966,732

Docket No. 022730-0027

any paper hereafter filed in this application by this firm) to our Deposit Account No. 141449,
under Order No. 022730-0027.

Dated: December 28, 2001

Respectfully submitted,

By 

William C. Geary III

Registration No.: 31,359

NUTTER McCLENNEN & FISH LLP

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Attorneys for Applicant

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1041806.1